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R. E. Burkard—U. Derigs, Assignment and Matching Problems: Solutions Methods with FORTRAN-Programs. — Complex Analysis, Methods, Trends and Applications, — K. J. Devlin, Fundamentals of Contemporary Set Theory. — Differential Equations, Proceedings, Sao Paulo, 1981. — R. E. Edwards, Fourier Series, a Modern Introduction. — P. J. Federico, Descartes on Polyhedra. — J. E. Fenstad, General Recursion Theory. — J. Flum—M. Ziegler, Topological Model Theory. — Geometry and Analysis. — T. W. Hungerford, Algebra. — Iterative Solution of Nonlinear Systems of Equations, Proceedings, Oberwolfach, 1982. — U. Kastens—B. Hutt—E. Zimmermann, Gag: A Practical Compiler Generator. — T. Kato, A Short Introduction to Perturbation Theory for Linear Operators. — J. H. van Lint, Introduction to Coding Theory. — J. Lützen, The Prehistory of the Theory od Distributions. — Yu, I. Manin, A Course in Mathematical Logic. — Mathematical Modeling of the Hearing Process, Proceedings, Troy NY, 1980. — Numerical Integration of Differential Equations and Large Linear Systems, Proceedings, Bielefeld, 1980. — Probability in Banach Spaces IV, Proceedings, Oberwolfach, 1983. — Probability Theory and Mathematical Statistics, Proceedings, Tbilisi, 1982. — Séminaire de Probabilités XVII, 1981/82. — C. Sparrow, The Lorenz Equations: Bifurcations, Chaos, and Strange Attractors. — Stability Problems for Stochastic Models. — The Mathematical Gardner. — J. Uhl—S. Drossopoulou—G. Porsch—G. Goss—M. Dausmann—G. Winterstein—W. Kirschgässner, An Attribute Grammar for Semantic Analysis of Ada. — M. I. Yadrenko, Special Theory of Random Fields. ..... 249—262

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GUT—K. D. SCHMIDT, Amarts and Set Function Processes. — A. HARAUX, Nonlinear Evolution Equations: Global Behavior of Solutions. — Harmonic Maps, Proceedings, New Orleans 1980. — L.-K. HUA, Selected papers. — S. LANG, Undergraduate Analysis. — L. C. LARSON, Problem-Solving Through Problems. — G. E. MARTIN, Transformation Geometry. — Mathematical Models as a Tool for the Social Sciences. — Mathematical Programming: The State of the Art, Bonn 1982. — Measure Theory, Proceedings, Oberwolfach 1981. — G. H. MOORE, Zermelo's Axiom of Choice: Its Origins, Development and Influence. — M. A. NAIMARK—A. I. STERN, Theory of Group Representations. — A. W. NAYLOR—G. R. SELL, Linear Operator Theory in Engineering and Science. — D. J. NEWMAN, A Problem Seminar. — Ordinary Differential Equations and Operators, Proceedings, Dundee 1982. — Ordinary and Partial Differential Equations, Proceedings, Dundee 1980. — Ordinary and Partial Differential Equations, Proceedings, Dundee 1982. — Radical Banach Algebras and Automatic Continuity, Proceedings, Long Beach 1981. — D. M. SANDFORD, Using Sophisticated Methods in Resolution Theorem Proving. — R. SATO—T. NÔNO, Invariance Principles and the Structure of Technology. — J.-P. SERRE, Linear Representations of Finite Groups. — J. SESIANO, Books IV to VII of Diophantus' Arithmetica — D. J. SHOESMITH—T. J. SMILEY, Multiple-Conclusion Logic. — YA. G. SINAI, Theory of Phase Transitions: Rigorous Results. — Statistics and Probability, Proceedings, Visegrád 1982. — Studies in Pure Mathematics to the Memory of Paul Turán, 1983. — The Mathematics and Physics of Disordered Media: Percolation, Random Walk, Modeling, and Simulation. Proceedings, Minneapolis 1983. — Twistor Geometry and Non-Linear Systems, Proceedings, Primorsko 1980. — F. W. WARNER, Foundations of Differentiable Manifolds and Lie Groups. ..... 491—515

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